IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): LITTMAN ET AL.

SERIAL NO.: 08/861,105

EXAMINER: UNASSIGNED DATE FILED: MARCH 21, 1997 ART UNIT: 1808

FOR: G-COUPLED RECEPTORS ASSOCIATED WITH MACROPHAGE-

TROPHIC HIV, AND DIAGNOSTIC AND THERAPEUTIC USES

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231 on May 21, 1998

Michael D. Davis (Registration No. 39.161) (Name of Registered Representative)

(Signature and Date)

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR § 1.97 and MPEP 717.05(b), Applicant submits herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant requests that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

Since Publications AA through BD and BF through CC listed on the attached Form PTO-1449 were already supplied with an Information Disclosure Statement in connection with copending and related Application U.S. Serial No. 08/666,020, filed June 19, 1996, copies of the cited references are hereby not enclosed. Reference BE is being obtained and will be supplied as soon as it becomes available.

No fee is believed due for the filing of this statement inasmuch as it is being filed before the mailing of the first official action on the merits. However, should the Patent and Trademark Office determine otherwise, authorization is hereby given to charge Deposit Account No. 11-1153 for this filing.

Respectfully submitted,

Michael D. Davis

Attorney for Applicants Registration No. 39,161

KLAUBER & JACKSON 411 Hackensack Avenue Hackensack, New Jersey 07601 (201) 487-5800

E-mail: kjiplaw@webspan.net or 6261210@mcimail.com

LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT

ATTORNEY DOCKET NO.: 1049-1-004 N1

SERIAL NO.: 08/861,105

APPLICANT: Littman et al.

FILING DATE: March 21, 1997

GROUP: 1808

U.S. PATENT DOCUMENTS

EXAMINER	DOC	UMENT					
INITIAL		MBER	DATE	NAME	CLASS	SUB-	FILING DATE IF
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS	
A	<u> </u>	WO 94/24282	10/27/94	PCT		CLASS	YES	NO
A1	B_	WO 96/23068	8/1/96	PCT				<u>.</u>
A(<u>C</u>	WO 96/41884	12/27/96	PCT				
AI	<u>D</u>	WO 97/21812	6/19/97	PCT				
AI	Ε	WO 97/22698	6/26/97	PCT				
AI	7	WO 97/32019	9/4/97	PCT	+			
AC	3	WO 97/44055	11/27/97	PCT	-			
AF	I	WO 97/44359	11/27/97	PCT				
AI		WO 97/44360	11/27/97	PCT				
AJ	_	WO 97/45543	12/4/97	PCT				
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Z	AN Dullough et al. Nature 371, 37-43	(1904)
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MAINEN:		DATE CONSIDERED:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT

ATTORNEY DOCKET NO.: 1049-1-004

SERIAL NO.: 08/861,105

APPLICANT: Littman et al.

FILING DATE: March 21, 1997

GROUP: 1808

<u>L</u>	OTHER	GROUP: 1808
	OTHER	PRIOR ART (Including Author, Date, Pertinent Pages, Etc.)
	BE	Hogan et al. Manipulating the Mouse Embryo Cold Spring Harbor
ļ	BF	Laboratory Press, Cold Spring Harbor, N.Y. (1986)
	BG	Hwang, S.S., Boyle, T.J., Lyerly, H.K. & Cullen, B.R. Science 253:71-4
 	BH	Jazin, E.E., et al. Regul. Pept. 47, 247-258 (1993)
	BI	Killeen, N., Sawada, S. and Littman, D. R. EMBO 12 1547-1553 (1993).
	BJ	Koyanagi, Y., et al. Science 236, 819-822 (1987)
ļ	BK	Landau, N.R., Warton, M. & Littman, D.R. Nature 334, 159-162 (1988)
	BL	Landau, N.R., Page, K.A. & Littman, D.R. J. Virol. 65, 162-169 (1991)
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		Lusso, P., et al. J. Virol. 69, 3712-3720 (1995)
	BO	Maddon, P.J., et al. Cell 47, 333-348 (1986)
	BP	Morgenstern, J.P. & Land, H. Nucl. Acids Res. 18, 3587-3596 (1990)
		Neote et al. Cell 72, 415-25 (1993)
	BR	O'Brien, W.A., et al. Nature 348, 69-73 (1990)
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G-COUPLED RECEPTORS MACROPHAGE-TROPHIC HIV.

ASSOCIATED

AND DIAGNOSTIC

?[2 VITH**©** AND₽

THERAPEUTIC USES THEREOF

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8

Yan Wang

(Name of Registered Representative)

(Signature and Date)

Assistant Commissioner for Patents Washington, D.C. 20231

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INFORMATION DISCLOSURE STATEMENT

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Enclosed please find copies of publications AA through BD and BF through CD listed on the attached Form PTO-1449. Reference BE is a general reference book, which can be forwarded upon the Examiner's request.

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Respectfully submitted,

Michael D. Davis

Attorney for Applicants Registration No. 39,161

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LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT

ATTORNEY DOCKET NO.: 1049-1-007.

SERIAL NO.: 18/861,105

APPLICANT: Littman et al.

FILING DATE: March 21, 1997

GROUP: 1808

U.S. PATENT DOCUMENTS

EXAMIN ER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLAS	SUB- CLAS	FILING DATE IF APPROPRIATE
	CD	5,695,993	12/9/97	Fukudome et al.	S	S	

		DOCUMENT NUMBER	DATE	COUNTRY	CLAS	SUB- CLAS	TRANSLATIO N YES
A.	A	WO 94/24282	10/27/94	PCT	S	s	NO
A	В	WO 96/23068	8/1/96	PCT			
A		WO 96/41884	12/27/96	PCT			
Al		WO 97/21812	6/19/97	PCT	+		
Al	_	WO 97/22698	6/26/97	PCT	+		10.
Al		WO 97/32019	9/4/97	PCT	+		
AC		WO 97/44055	11/27/97	PCT			
AF	1	WO 97/44359	11/27/97	PCT	+		
AI	:	WO 97/44360	11/27/97	PCT	 		
AJ	<u> </u>	WO 97/45543	12/4/97	PCT			·
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ATTORNEY DOCKET NO .:

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SERIAL NO.: 18/861,105

APPLICANT: Littman et al.

FILING DATE: March 21, 1997

GROUP: 1808

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Pear et al. Proc. Natl. Acad. Sci. USA 90, 8392-8396 (1994)

Power, C.A., et al. J Biol Chem 270, 19495-500 (1995). Samson et al. Biochemistry 35, 3362-3367 (1996)

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Westervelt, P., Gendelman, H.E. & Ratner, L. Proc. Natl. Acad. Sci. USA 88, 3097-101 (1991)

Zhu, T., et al. Science 261, 1179-1181 (1993)

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EXAMINER:

PATENT 1049-1-004 N

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): LITTMAN ET AL.

SERIAL NO.: 08/861,105

EXAMINER: CLARK, D. DATE FILED: MARCH 21, 1997 ART UNIT: 1633

FOR: METHODS OF IDENTIFYING G-COUPLED RECEPTORS

ASSOCIATED WITH MACROPHAGE-TROPHIC HIV, AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF

CERTIFICATE OF MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231 on

Michael D. Davis (Registration No. 39,161) (Name of Registered Representative)

(Signature and Date)

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR §1.97 and MPEP 717.05(b), Applicant(s) submit herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant(s) request that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

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Respectfully submitted.

Michael D. Davis

Attorney for Applicants Registration No. 39,161

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E-mail: kjiplaw@webspan.net or 6261210@mcimail.com

LIST OF DOCUMENTARY **INFORMATION** CITED BY APPLICANT

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U.S. PATENT DOCUMENTS

EXAMINER Unitial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF
	CD	5,695,993	12/9/97	Fukudome et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	I DATE I		CLASS	SUB- CLASS	TRANSLATION YES A	
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OTHER PRIOR ART (Including Author, Date, Pertinent Pages, Etc.)

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